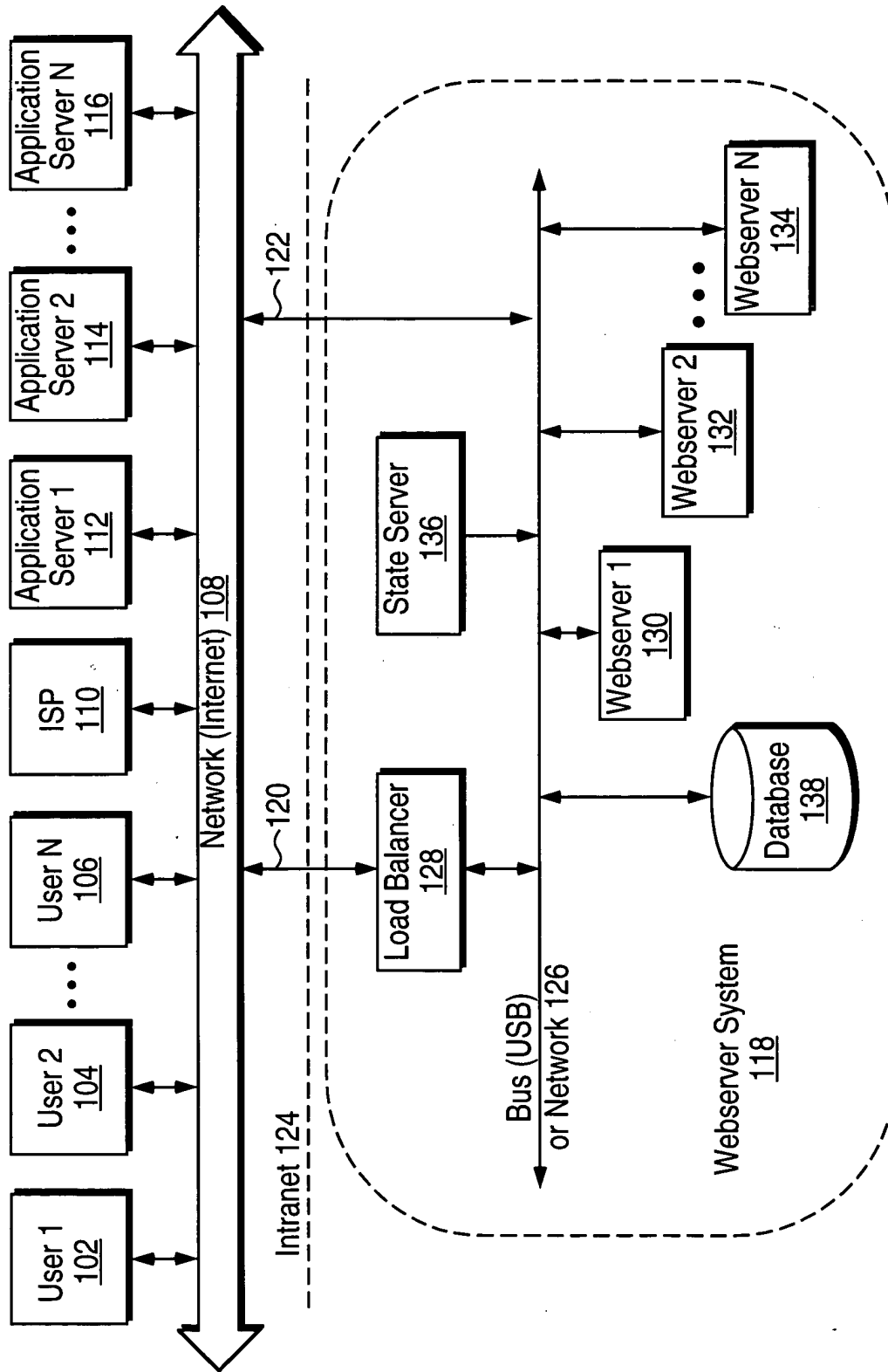
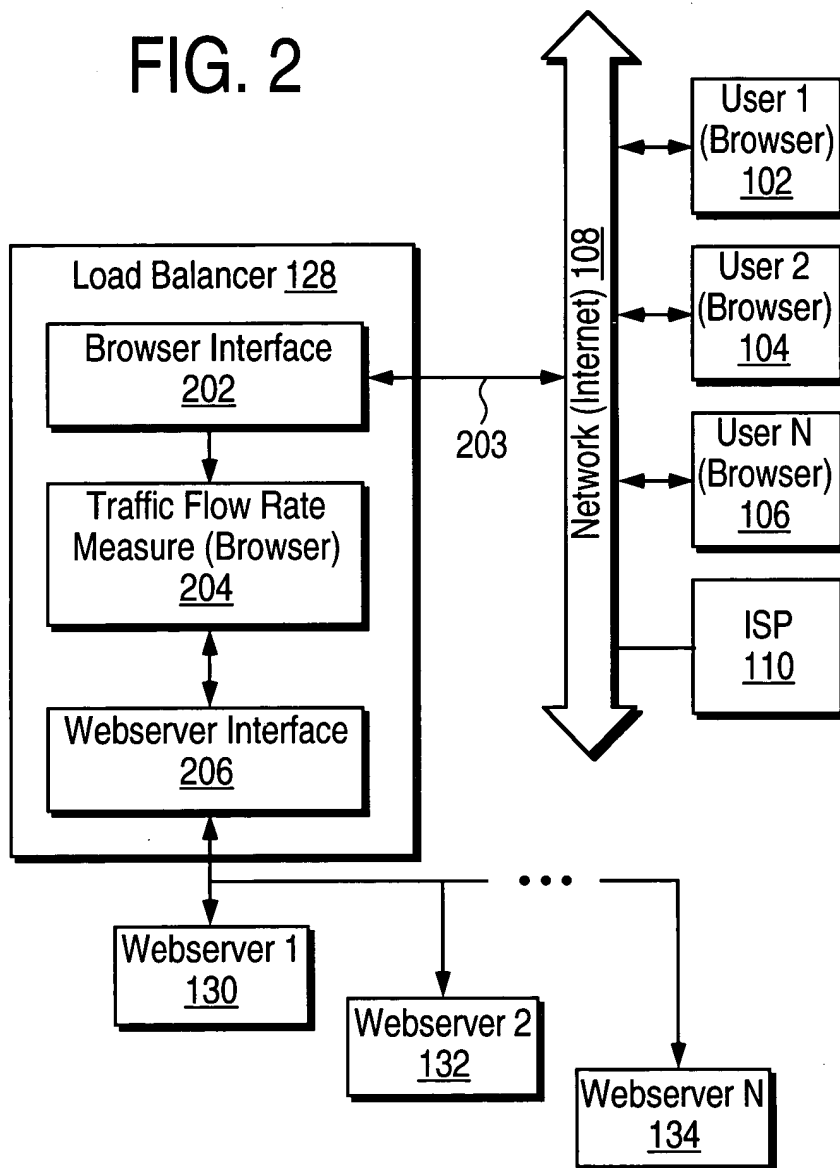


FIG. 1





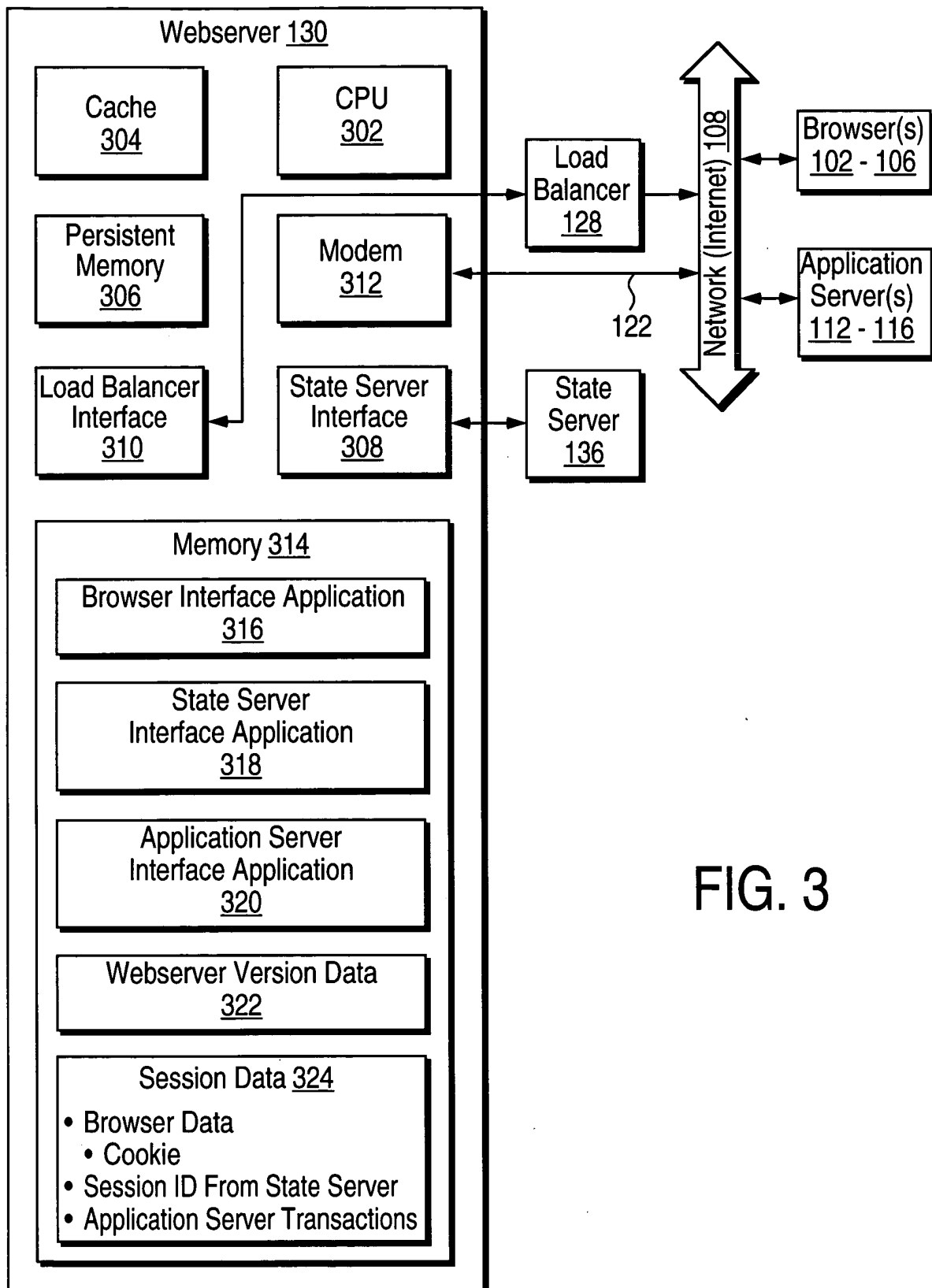
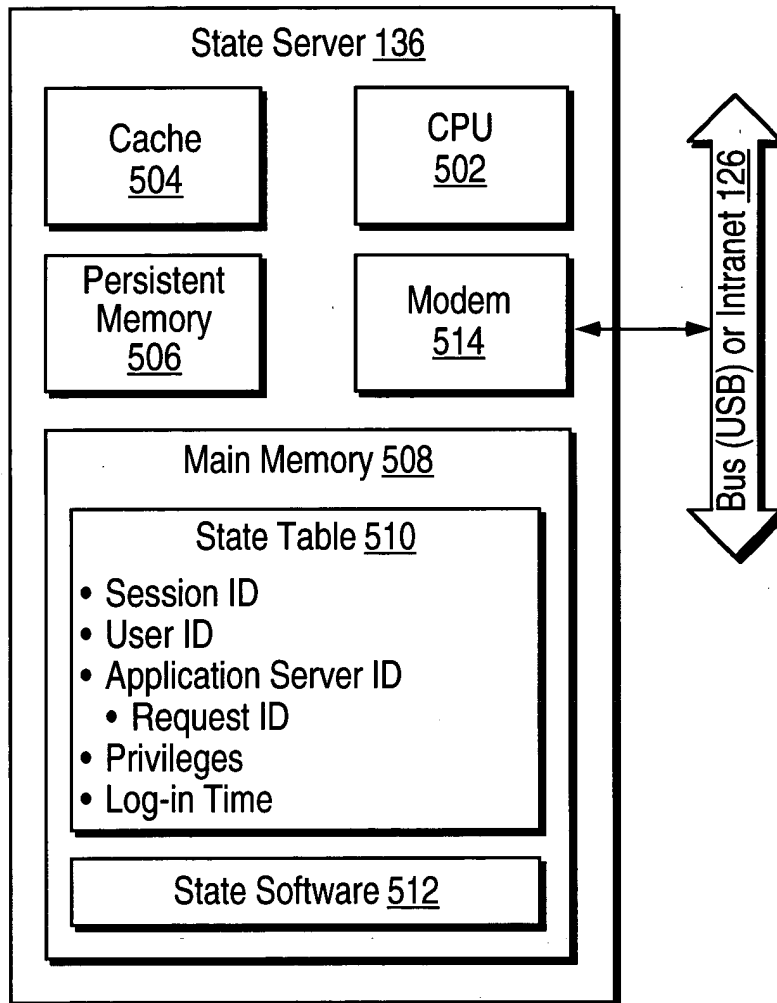


FIG. 3

FIG. 5



002727 0455E460

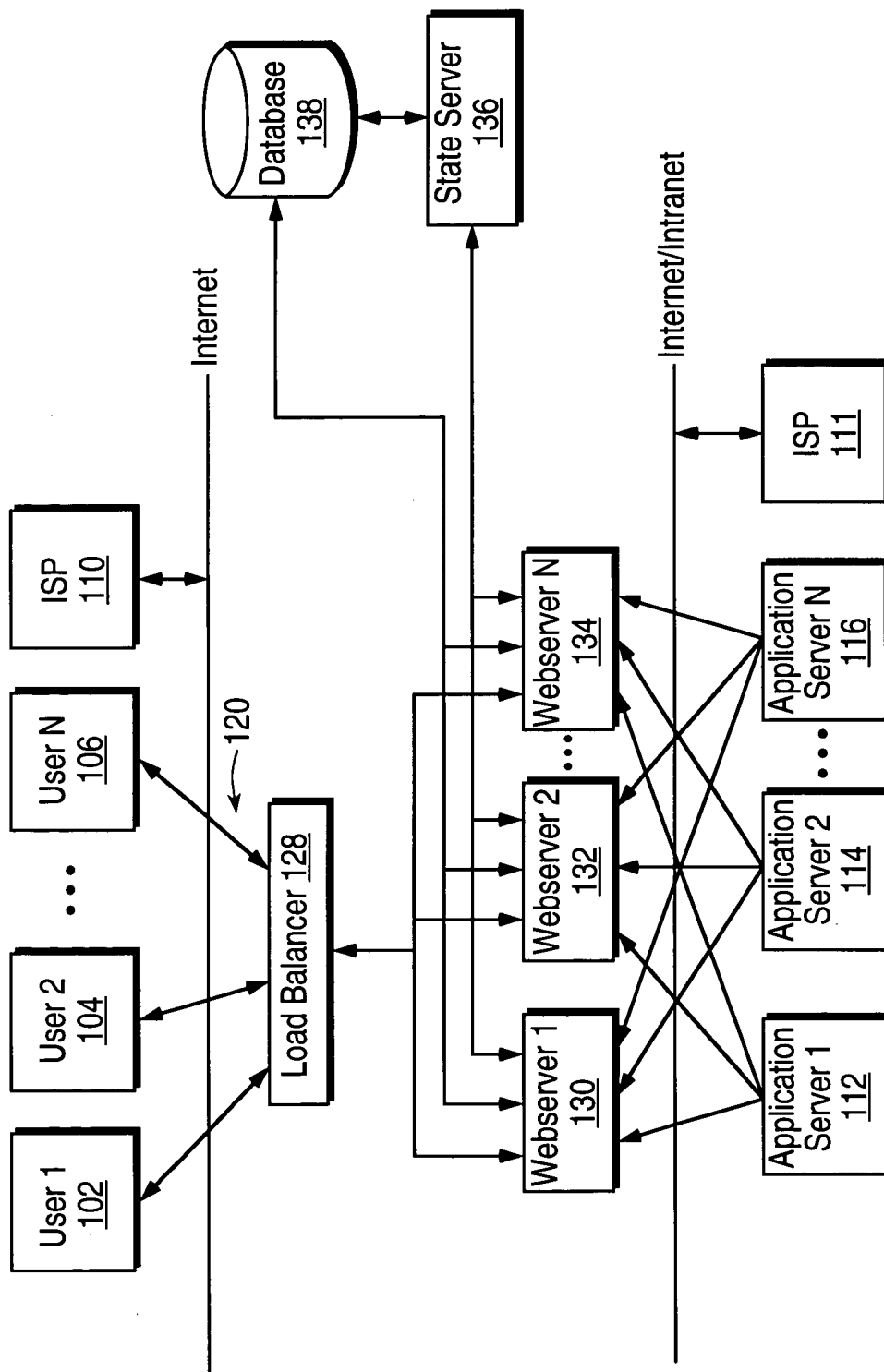


FIG. 6

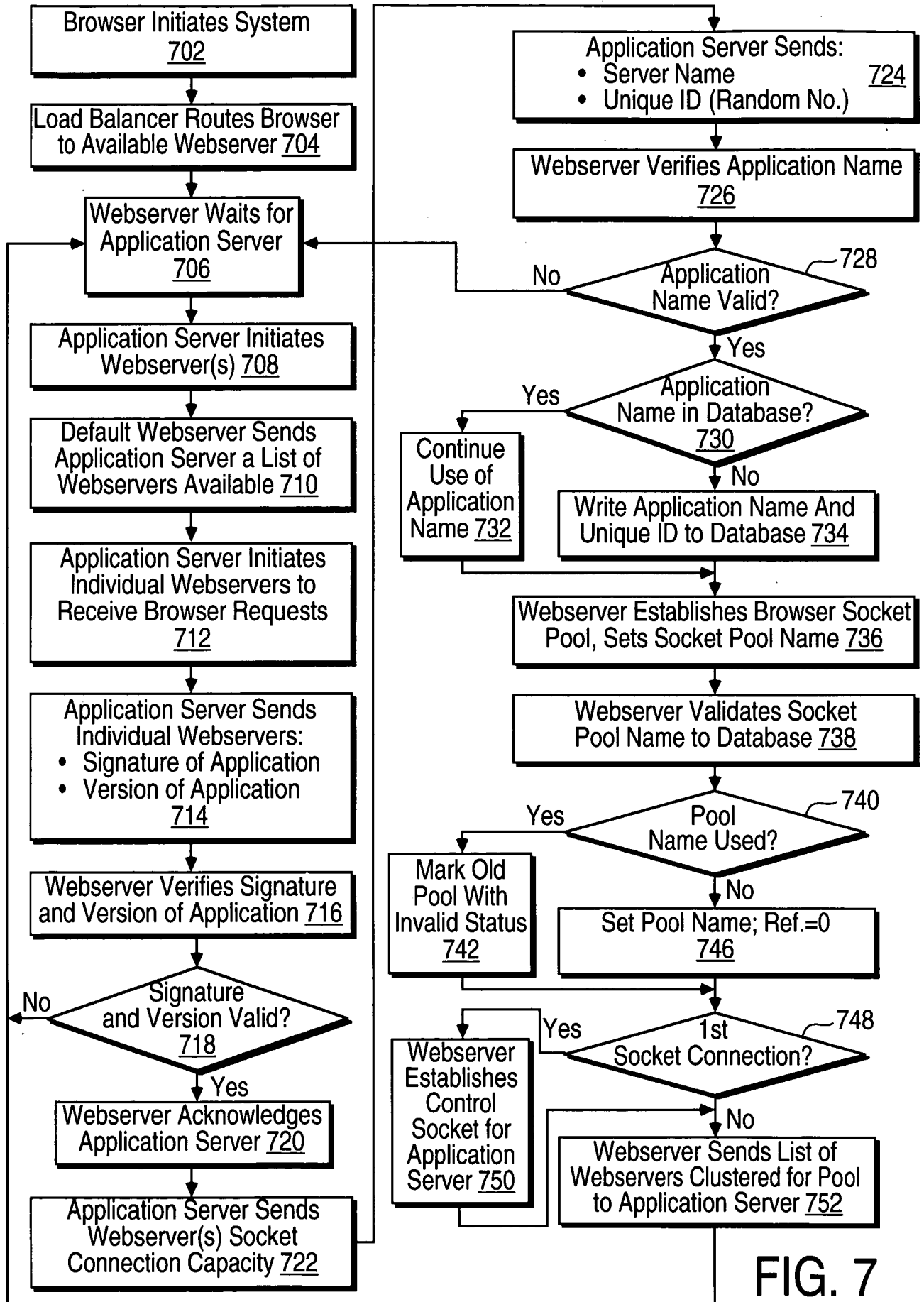


FIG. 7

Webserver Creates an
I/O Completion Port
804

Webserver Monitors
Application Servers
806

```

graph TD
    Start([Start]) --> Decision{Receive Heart Beat From Application Server?}
    Decision --> End([End])
    
```

Update Time Stamp for Pool
810

Receive
Termination From
Application Server?
812

Mark Pool
Status as Invalid
814

No




```

graph TD
    Start([Start]) --> 902[Webserver Monitors Pool Status for Each Application Server 902]
    902 --> 904{Time Period Lapsed? 904}
    904 -- No --> 902
    904 -- Yes --> 906[Check Status of Socket Pool 906]
    906 --> 908{Status Invalid and Counter=0 for >60 seconds? 908}
    908 -- Yes --> 910[Terminate Pool 910]
    910 --> 912([End 912])
    908 -- No --> 914{Status Invalid for >1500 Seconds? 914}
    914 -- Yes --> 916[Terminate Pool 916]
    916 --> 918([End 918])
    914 -- No --> 902
  
```

FIG. 9

FIG. 9

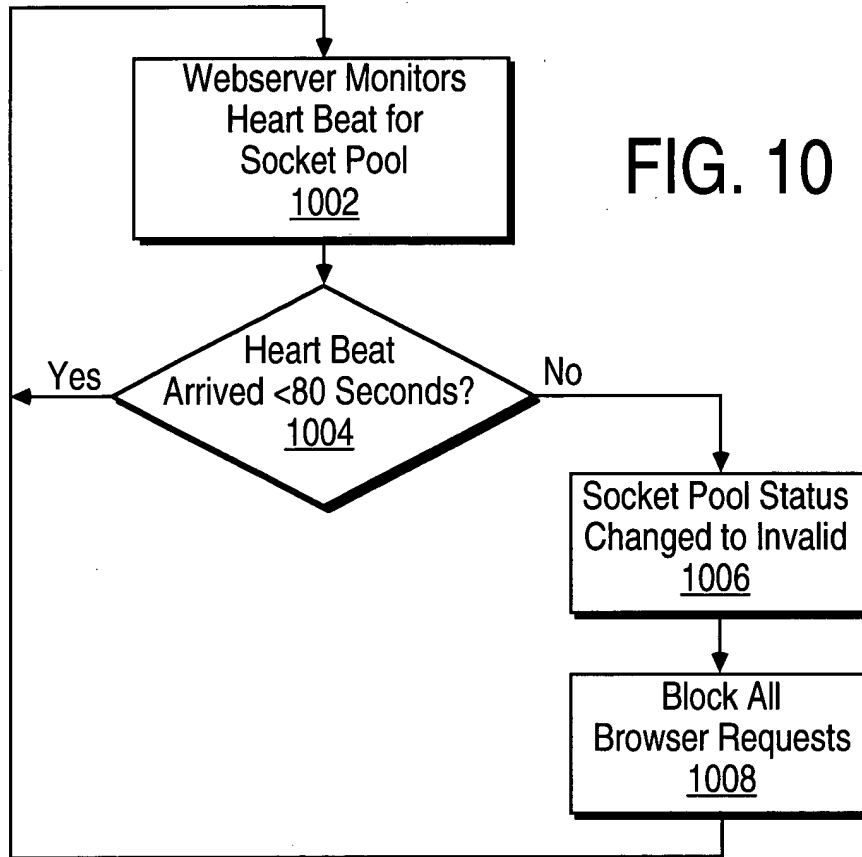
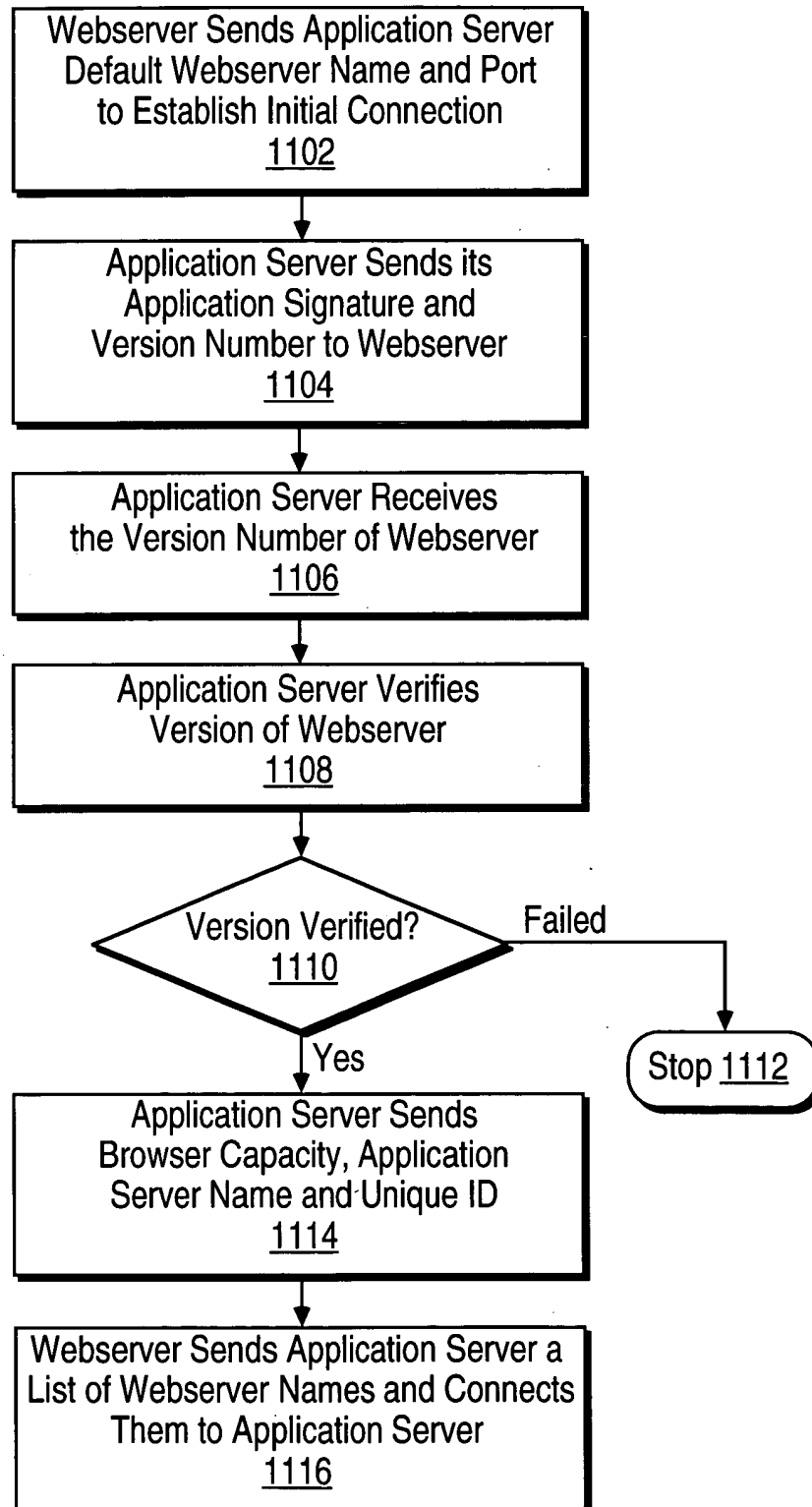


FIG. 11



00277-0255260

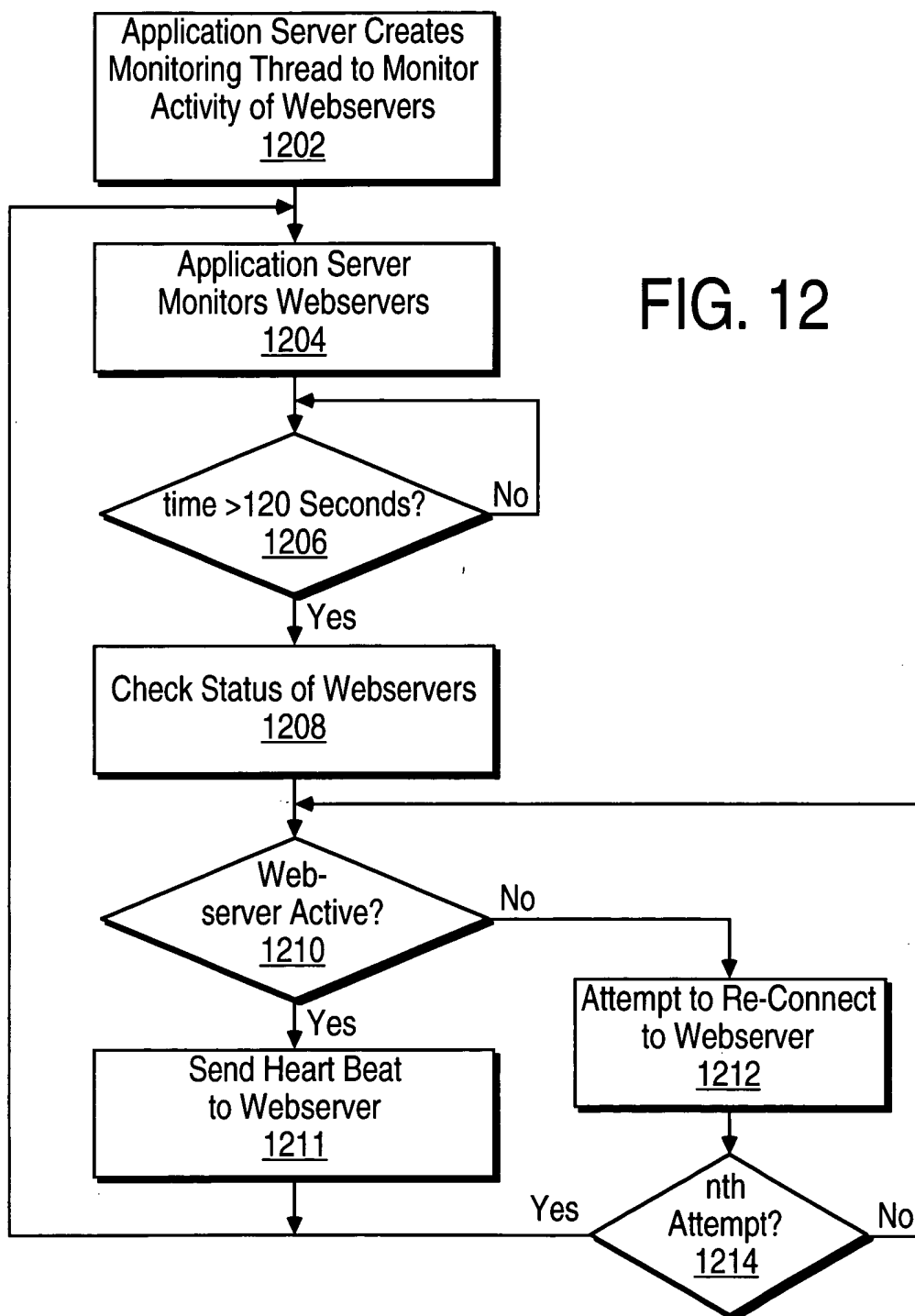


FIG. 12

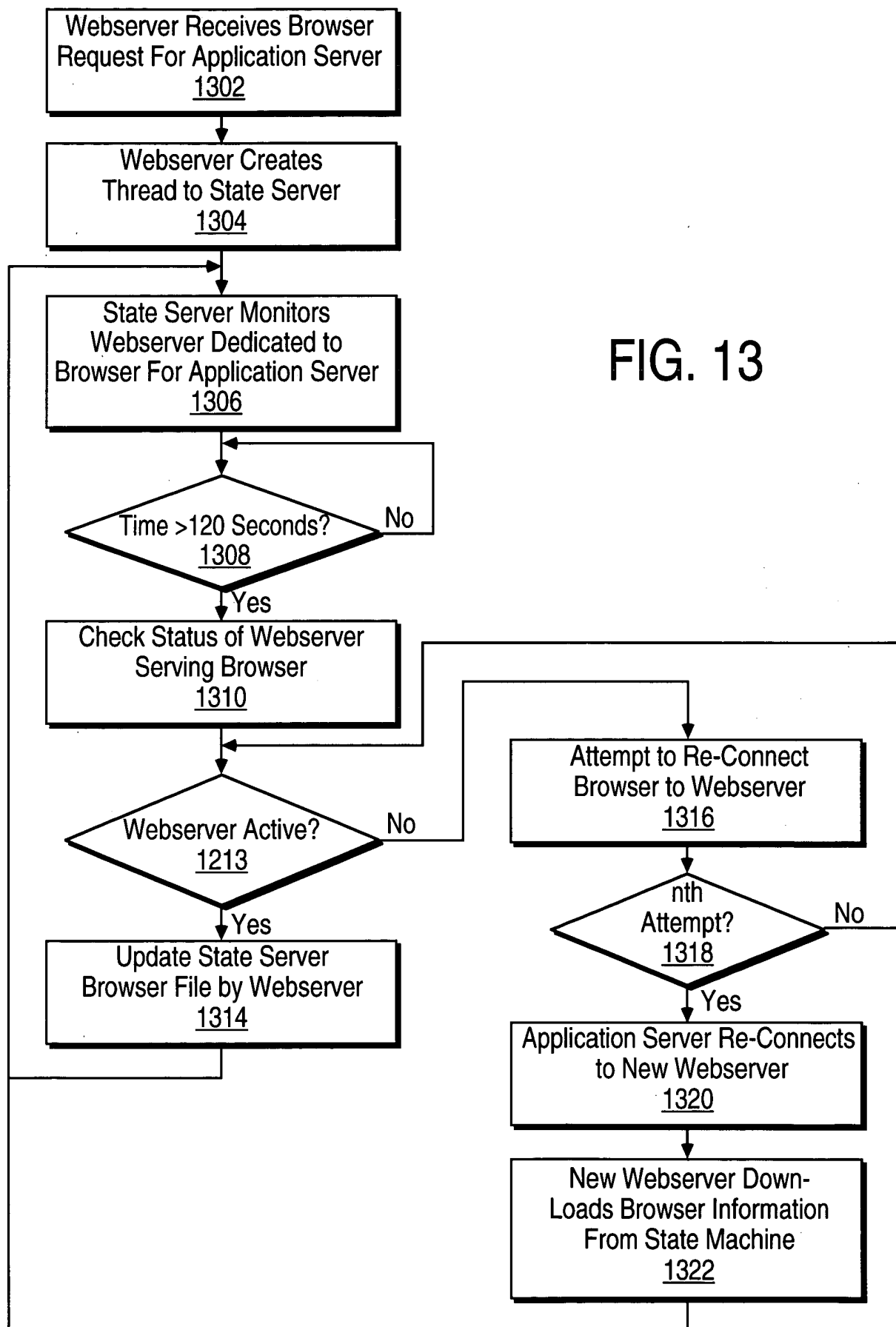


FIG. 13